CELL AND DEVELOPMENTAL BIOLOGY MAJOR, B.S – 2003-2004

To be admitted to full major status, students must fulfill the pre-biology course and grade-point average requirements as described in the General Catalog. At minimum, they must complete twelve designated courses from the Preparation for the Major with a 2.0 or higher grade-point average.

Note: Hyphens indicate that an entire sequence must be completed as shown to fulfill an area requirement.

PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Units Yet to Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 1A-B-C plus 1AL or 1AC, 1BL or 1BC, 1CL or 1CC (or 2 series)</td>
<td>12</td>
</tr>
<tr>
<td>MCDB 1A-1AL-1B, EEMB 2-3-3L, and either MCDB 1BL or EEMB 2L</td>
<td>15</td>
</tr>
<tr>
<td>(Transfer students must consult the advisor regarding selected topics to be covered in Z courses.)</td>
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<tr>
<td>Chemistry 6A-B and 109A-B-C</td>
<td>16</td>
</tr>
<tr>
<td>Mathematics 3A-B or 34A-B</td>
<td>8</td>
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<tr>
<td>One course from: PSTAT 5A or EEMB 30 or Math 3C</td>
<td>4 or 5</td>
</tr>
<tr>
<td>Physics 6A-AL-BL-C-CL</td>
<td>12</td>
</tr>
</tbody>
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UPPER-DIVISION MAJOR

48 UD units required, distributed as follows: 48

No more than 16 total units may be applied to the major from outside the Department of Molecular, Cellular & Developmental Biology.

A. Genetics: MCDB 101A-B

B. Biochemistry: MCDB 108A-B-C

C. Cell Biology: MCDB 103

D. Developmental Biology: Select two courses from MCDB 112, 115, 118

E1. One course from MCDB 103L, 112L, 120L

E2. One course or course sequence from: MCDB 101L, 109L, 126A-AL, 126B-BL, 132-132L, 133-133L, 140L

F. Electives: Additional upper-division courses in MCDB and EEMB to bring unit total to 48

Note: The following courses do not count toward upper-division major credit:
EEMB 183, 184; MCDB 121, 182, 183, 184

In addition, no more than 8 units of the following courses combined will apply to the major:
EEMB 185-199; MCDB 185-199. BMB may be accepted by petition only.

MAJOR REGULATIONS

PREREQUISITES.................Check the General Catalog for the prerequisites to all listed courses.
P/NP GRADING OPTION..........Not allowed for major courses (prep or UD), including courses applied to the major from other departments, except up to 8 units of courses that do not allow letter grades.
SUBSTITUTIONS.................In the major requirements permissible only by petition to the department chair and dean.
RESIDENCE REQUIREMENTS......At least 20 UD units in major while in residence at UCSB.
G.P.A. REQUIREMENTS.........At least 2.0 overall average in a) all UD major courses; and b) all major courses (Prep and UD) while in UC.
DOUBLE MAJORS...............With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.